

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN060424\
 Data File : VN082453.D
 Acq On : 04 Jun 2024 11:23
 Operator : JC\MD
 Sample : VN0604WBL01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0604WBL01

Quant Time: Jun 05 03:18:19 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N051524W.M
 Quant Title : SW846 8260
 QLast Update : Thu May 16 05:21:06 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	8.230	168	161584	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	294302	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	281239	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	120998	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	138942	54.456	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	108.920%
35) Dibromofluoromethane	8.171	113	99684	55.062	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	110.120%
50) Toluene-d8	10.571	98	379573	54.686	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	109.380%
62) 4-Bromofluorobenzene	12.853	95	127136	51.318	ug/l	0.00
Spiked Amount	50.000	Range	64 - 133	Recovery	=	102.640%

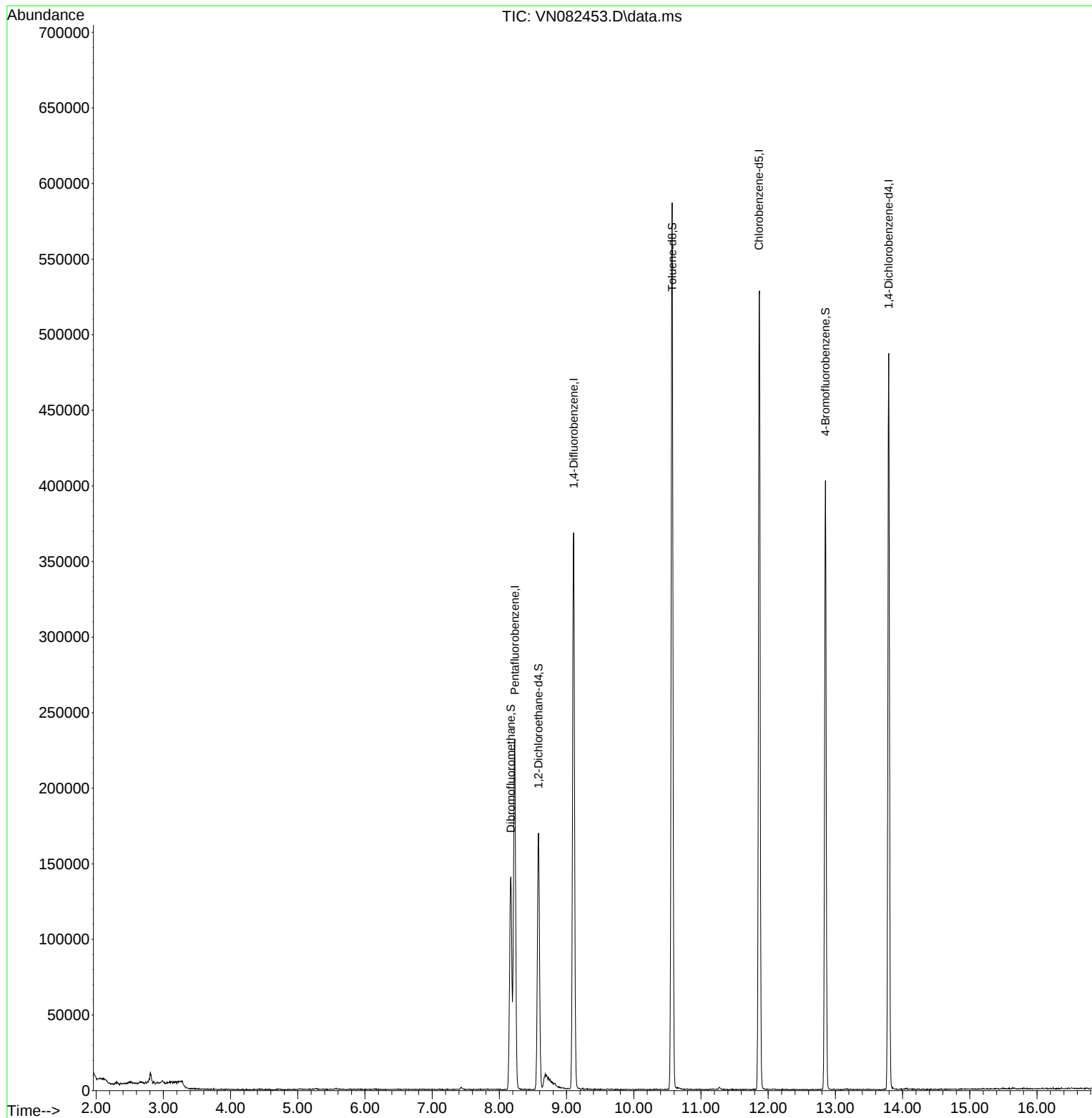
Target Compounds	Qvalue

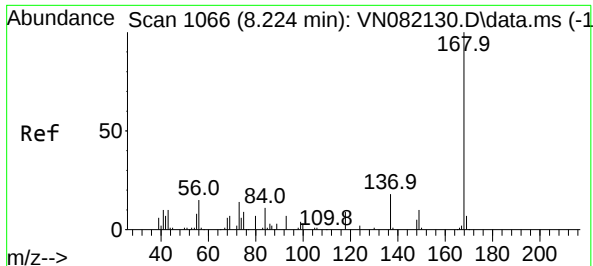
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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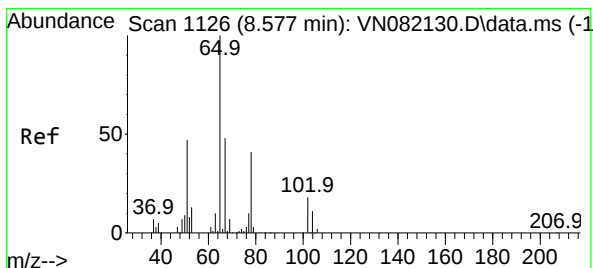
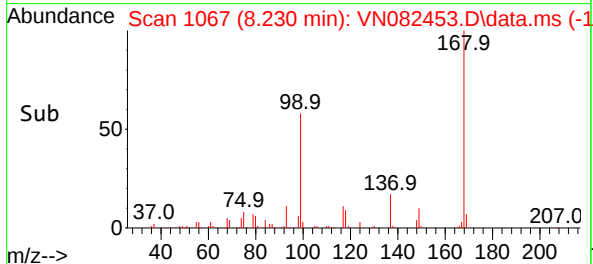
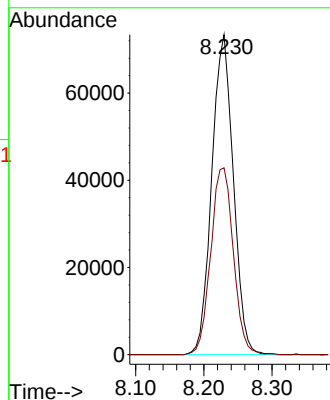
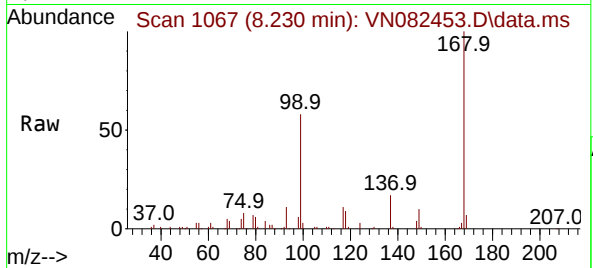




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1066
Delta R.T. 0.006 min
Lab File: VN082453.D
Acq: 04 Jun 2024 11:23

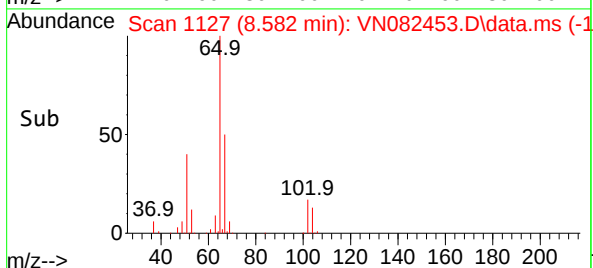
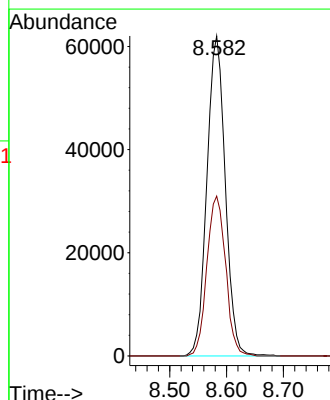
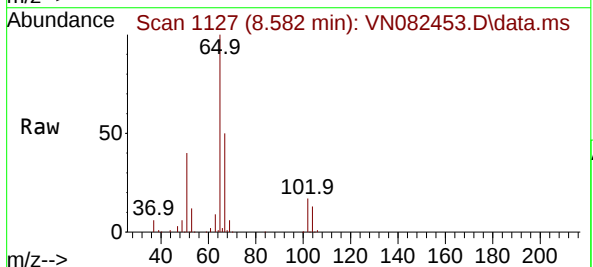
Instrument :
MSVOA_N
ClientSampleId :
VN0604WBL01

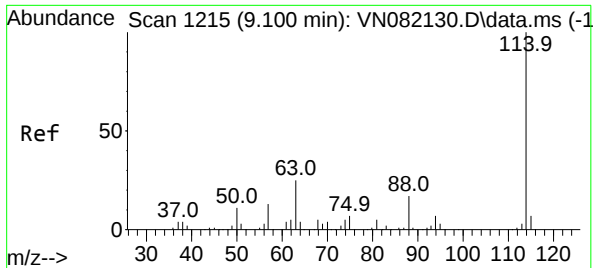
Tgt Ion:168 Resp: 161584
Ion Ratio Lower Upper
168 100
99 58.4 48.2 72.4



#33
1,2-Dichloroethane-d4
Concen: 54.456 ug/l
RT: 8.582 min Scan# 1127
Delta R.T. 0.006 min
Lab File: VN082453.D
Acq: 04 Jun 2024 11:23

Tgt Ion: 65 Resp: 138942
Ion Ratio Lower Upper
65 100
67 51.0 0.0 103.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 11

Delta R.T. 0.006 min

Lab File: VN082453.D

Acq: 04 Jun 2024 11:23

Instrument :

MSVOA_N

ClientSampleId :

VN0604WBL01

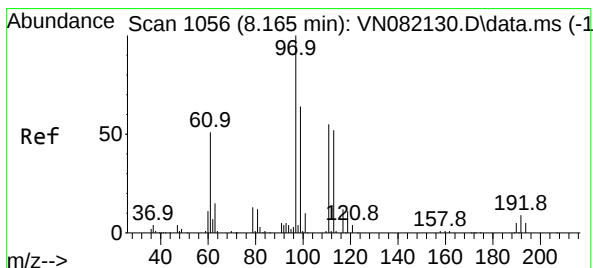
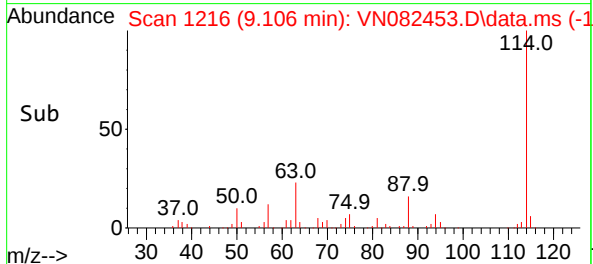
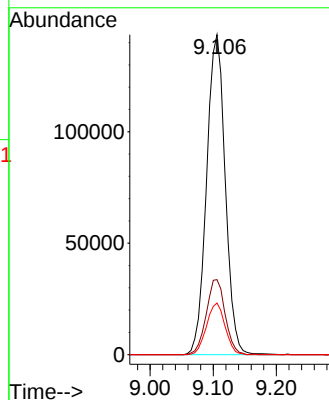
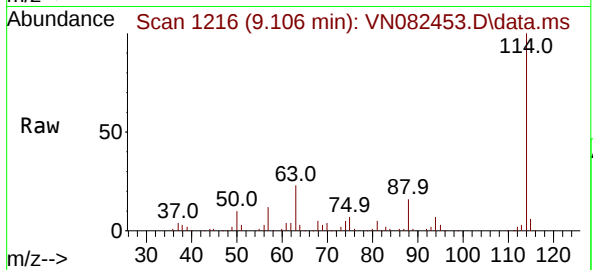
Tgt Ion:114 Resp: 294302

Ion Ratio Lower Upper

114 100

63 23.4 0.0 41.0

88 16.2 0.0 31.4



#35

Dibromofluoromethane

Concen: 55.062 ug/l

RT: 8.171 min Scan# 1057

Delta R.T. 0.006 min

Lab File: VN082453.D

Acq: 04 Jun 2024 11:23

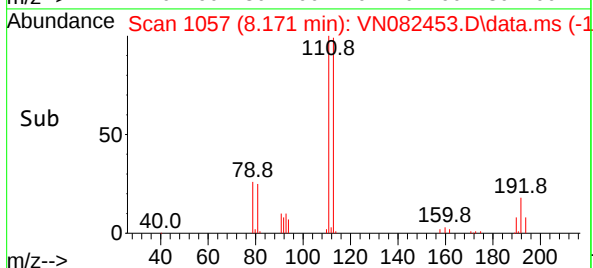
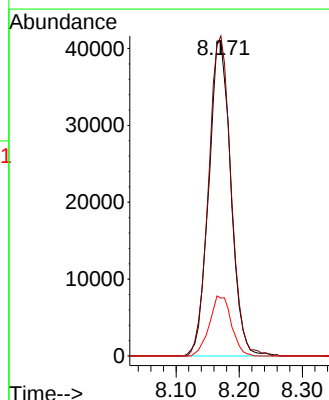
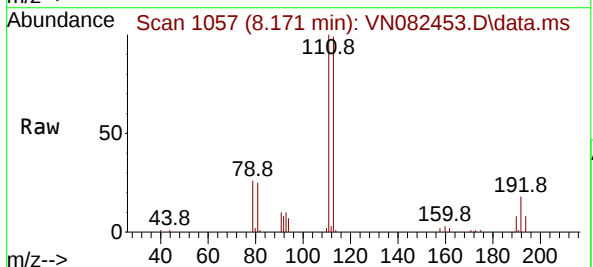
Tgt Ion:113 Resp: 99684

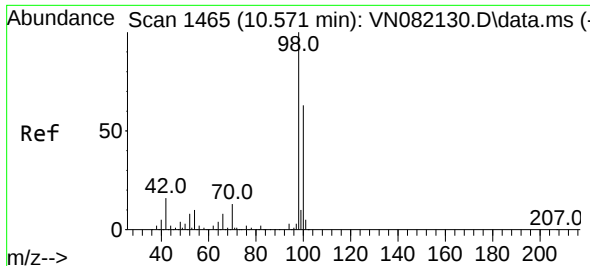
Ion Ratio Lower Upper

113 100

111 102.7 83.4 125.2

192 18.9 14.0 21.0

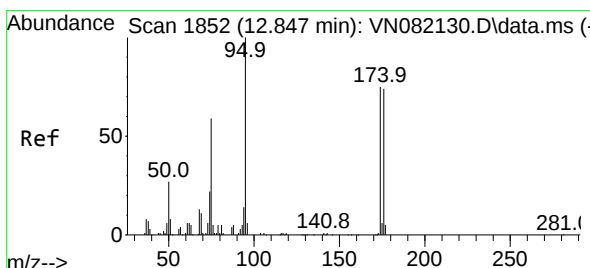
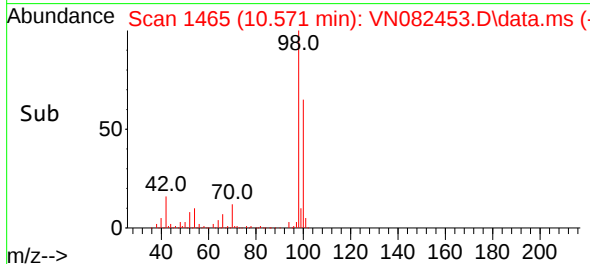
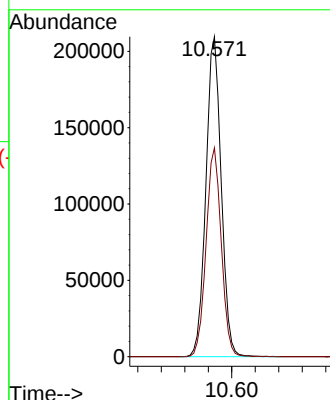
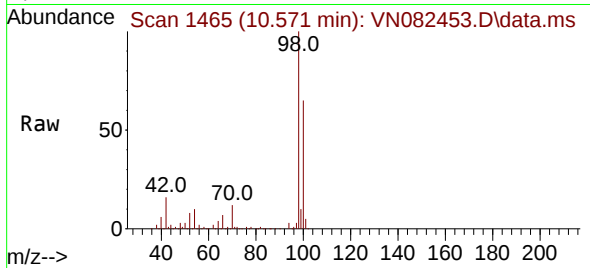




#50
Toluene-d8
Concen: 54.686 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. -0.000 min
Lab File: VN082453.D
Acq: 04 Jun 2024 11:23

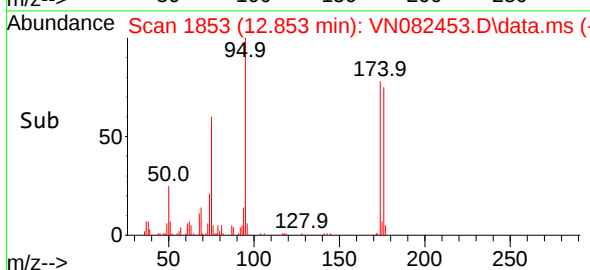
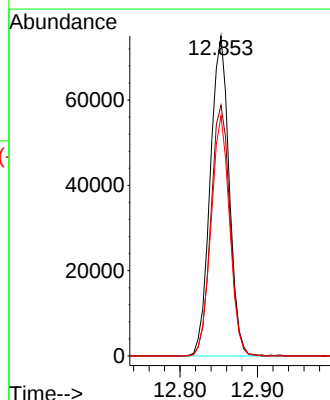
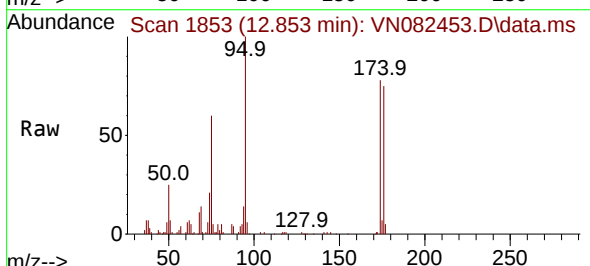
Instrument :
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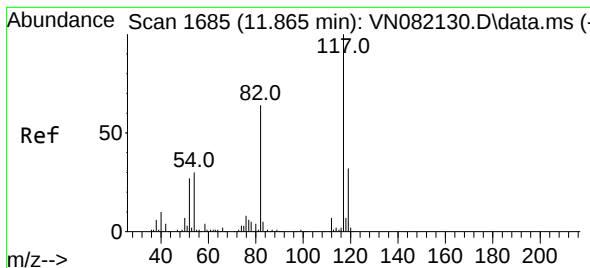
Tgt Ion: 98 Resp: 379573
Ion Ratio Lower Upper
98 100
100 64.7 51.8 77.6



#62
4-Bromofluorobenzene
Concen: 51.318 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.006 min
Lab File: VN082453.D
Acq: 04 Jun 2024 11:23

Tgt Ion: 95 Resp: 127136
Ion Ratio Lower Upper
95 100
174 79.2 0.0 160.6
176 73.8 0.0 152.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.865 min Scan# 1

Delta R.T. -0.000 min

Lab File: VN082453.D

Acq: 04 Jun 2024 11:23

Instrument :

MSVOA_N

ClientSampleId :

VN0604WBL01

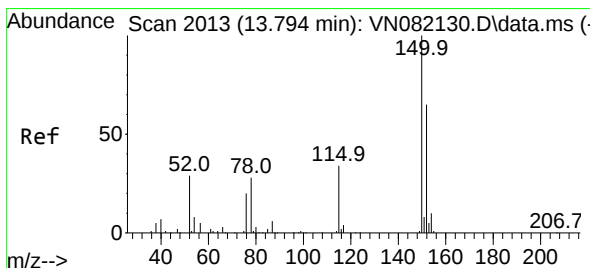
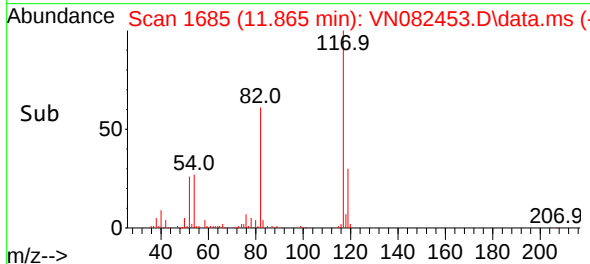
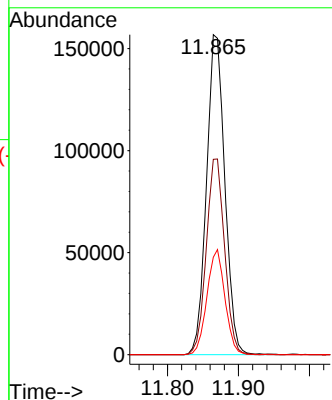
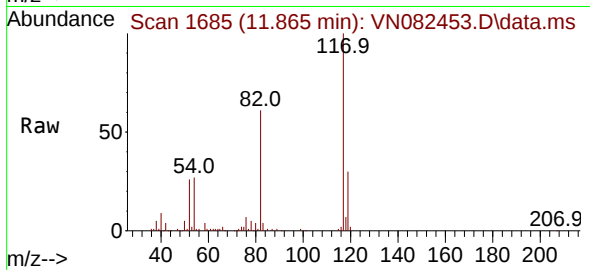
Tgt Ion:117 Resp: 281239

Ion Ratio Lower Upper

117 100

82 61.1 44.6 66.8

119 30.4 25.9 38.9



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.794 min Scan# 2013

Delta R.T. -0.000 min

Lab File: VN082453.D

Acq: 04 Jun 2024 11:23

Tgt Ion:152 Resp: 120998

Ion Ratio Lower Upper

152 100

115 63.1 30.4 91.3

150 156.4 0.0 353.2

